

**PATENT** 

Atty. Docket No. <u>8021-185</u> (SS-19160-US)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Sung-Ho CHOI

EXAMINER: Pho M. Luu

**SERIAL NO.:** 

10/735,947

**GROUP ART UNIT: 2824** 

FILED:

December 15, 2003

DATED: March 16, 2005

FOR:

SEMICONDUCTOR MEMORY DEVICE FOR IMPROVING

REDUNDANCY EFFICIENCY

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art.

## CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 16, 2005.

Dated: March 16, 2005

Michael F. Morano

The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

- [] This information disclosure statement is being filed within three (3) months of the filing date of this application.
- [] This information disclosure statement is being filed concurrently with the Request for Continued Examination (RCE) attached herewith
- [] This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application.
- [] To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- [X] Statement under 37 C.F.R. § 1.97(e):
  I hereby state that each item of information contained in this Information
  Disclosure Statement was cited in a communication from a foreign patent
  office in a counterpart foreign application not more than 3 months prior to
  the filing of this statement.
- [] Enclosed herewith is a petition under 37 C.F.R. §1.97(d)(ii).
  - [] Enclosed by check is the petition fee of \$130.00. 37 C.F.R. §1.17(i)(1))
- [] Please charge the \$130.00 petition fee to Deposit Account No. <u>50-0679</u>.

- [] Enclosed by check is the \$180.00 fee required by 37 C.F.R. §1.17(p).
- Please charge the \$180.00 fee required by 37 C.F.R. §1.17(p) to a Credit Card. Form PTO-2038 is enclosed.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or §1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 50-0679. Also, in the event any extensions of time for responding and/or a petition under 37 C.F.R. §1.17(i)(i) are required for the pending application(s), please treat this paper as a petition to extend the time and/or enter this Information Disclosure Statement as required and charge Deposit Account No. 50-0679 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

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Michael F. Morano Reg. No. 44,952

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| Form PTO-1449                                                          | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |                        | ATTY. DOCKET NO.                                                                      |           | SERIAL NO.                   |                               |    |
|------------------------------------------------------------------------|------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|-----------|------------------------------|-------------------------------|----|
|                                                                        |                                                            |                        | 8021-185 (SS-19160-US)                                                                |           | 10/735,947                   |                               |    |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT                       |                                                            |                        | APPLICANT                                                                             |           |                              |                               |    |
| OTPE voice several sheets if necessary)                                |                                                            |                        | Sung-Ho Choi                                                                          |           |                              |                               |    |
|                                                                        |                                                            |                        | FILING DATE GROUP ART UNIT                                                            |           |                              |                               |    |
| MAR 1 8 2005 H                                                         |                                                            |                        | December 15, 2003                                                                     | 2824      |                              |                               |    |
| U.S. PATENT DOCUMENTS                                                  |                                                            |                        |                                                                                       |           |                              |                               |    |
| EXAMINER INITIAL                                                       | DOCUMENT<br>NUMBER                                         | DATE                   | NAME                                                                                  | CLAS      | S SUBCLASS                   | FILING DATE<br>IF APPROPRIATE |    |
|                                                                        |                                                            |                        |                                                                                       |           |                              |                               |    |
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|                                                                        |                                                            | FOREIGN F              | ATENT DOCUMENTS                                                                       |           |                              |                               |    |
|                                                                        | PUBLICATION<br>NUMBER                                      | DATE                   | COUNTRY                                                                               | CLAS      | SS SUBCLASS                  | ABSTRACT<br>TRANSLATION       |    |
|                                                                        |                                                            |                        |                                                                                       |           |                              | YES                           | NO |
|                                                                        | 11-250695                                                  | Sept. 17, 1999         | Japan                                                                                 | G11       | C 29/00                      | X                             |    |
|                                                                        | 2002-042488                                                | Feb. 8, 2002           | Japan                                                                                 | G11       | C 29/00                      | Х                             |    |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) |                                                            |                        |                                                                                       |           |                              |                               |    |
|                                                                        | 11.11                                                      |                        |                                                                                       |           |                              |                               |    |
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| 4                                                                      |                                                            |                        |                                                                                       |           |                              |                               |    |
| EXAMINER                                                               | <u></u>                                                    | DATE CONSIDERED        |                                                                                       |           |                              |                               |    |
| * EXAMINER: Initia                                                     | al if reference considered<br>formance and not considered  | lered. Include copy of | I<br>in is in conformance with MP<br>this form with next commun<br>rm PTO-1449 [6-4]) | EP 609. [ | Oraw line through applicant. |                               |    |